

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 January 2004 (08.01.2004)

PCT

(10) International Publication Number
WO 2004/003505 A2

(51) International Patent Classification⁷: **G01N**
(21) International Application Number:
PCT/US2003/020065
(22) International Filing Date: 27 June 2003 (27.06.2003)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data:
60/391,895 27 June 2002 (27.06.2002) US
60/391,897 27 June 2002 (27.06.2002) US
60/417,833 11 October 2002 (11.10.2002) US
(71) Applicant (for all designated States except US): **UNIVERSITY OF MARYLAND, BALTIMORE** [US/US]; 520 West Lombard Street, Baltimore, MD 21201 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and
(75) Inventors/Applicants (for US only): **ROHWER, Robert, G.** [US/US]; 4128 Arjay Circle, Ellicott City, MD 21042 (US). **GREGORI, Luisa** [IT/US]; 218 N. Charles Street, Apt. 1711, Baltimore, MD 21201 (US).
(74) Agents: **ZELANO, Anthony, J.** et al.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza I, Suite 1400, 2200 Clarendon Boulevard, Arlington, VA 22201 (US).

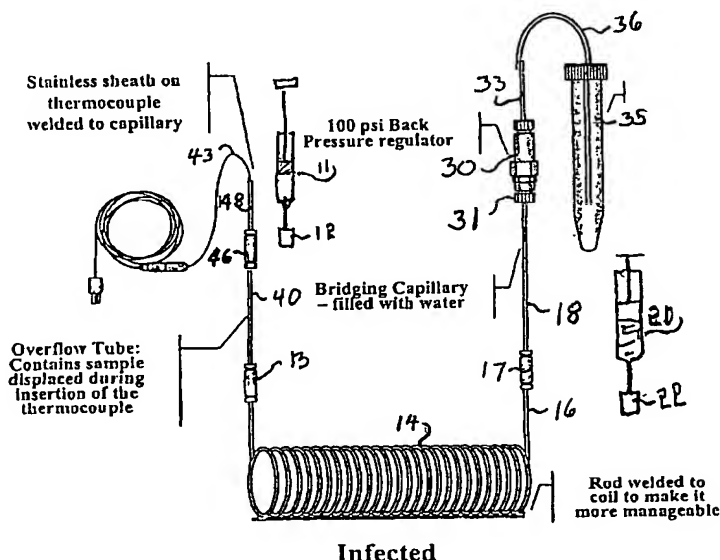
Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **METHODS FOR DETECTING AND INACTIVATING A PRION**

Assembly of Apparatus



(57) Abstract: A method for the isolation or detection of a prion in a sample is disclosed. Also disclosed are methods for the disinfection and/or decontamination and/or inactivation of TSE infectivity.

WO 2004/003505 A2